

AFSC 2A6X5
AIRCRAFT HYDRAULIC SYSTEMS
CAREER FIELD EDUCATION AND TRAINING PLAN

This change is effective immediately. This change is the equivalent of publication of a new CFETP. Compliance with AFI 36-2201, para. 4.11.6.1. and other training policies and documentation is required. CFETP 2A6X5, January 1998, is changed as follows:

1. Paragraphs and tasks that have been changed are indicated by a star (★).
2. Page inserts are identified by date in the upper right hand corner of each page. Replace the appropriate pages with the attached page inserts.
 - 2.1. Replace pages 9-10 with revised pages 9-10. These pages are being replaced to update journeyman level skill/career progression and proficiency training requirements.
 - 2.2. Replace pages 11-14 with revised pages 11-14 (12 blank). These pages are being replaced to delete the manpower table and revise the enlisted career path matrix.
 - 2.3. Replace pages 15-17 and 18 (blank) with revised pages 15-17 and 18 (blank). These pages clarify journeyman specialty qualification training experience and implementation. They also add the 2AX7X CDC as a craftsman upgrade training requirement.
 - 2.4. Replace pages 19-22 with revised pages 19-22. These pages are being replaced to redefine the purpose of the STS, revise CFETP transcribing procedures and disposition, update the purpose of the STS, and clarify core task requirements.
 - 2.5. Replace pages 23-26, 29-30, 33-34, 37-38, 55-56, and 61-62 with revised 23-26, 29-30, 33-34, 37-38, 55-56, and 61-62. These pages are being replaced with the concurrence of the MAJCOM functional managers to clarify and update the Fundamental Training Requirements and B-52 Specific Requirements STSs.
 - 2.6. Replace pages 57-60 with revised pages 57-60 and add pages 60.1-60.5. These pages are being replaced/added to update the B-1 Specific Requirements STS.
 - 2.7. Replace pages 61-62 with revised pages 61-62. These pages are being replaced to update the E-3 Specific Requirements STS.
 - 2.8. Add pages 62.1-62.10. These pages are being added to identify B-2 training tasks and formalize the B-2 Specific Requirements STS.
 - 2.9. Replace pages 65-66 with revised pages 65-66. These pages are being replaced to correct the course number for the KC-135 In-flight Refueling Course.
3. After actions required in paragraph one above, file this change cover page in the back of the CFETP.

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL

JOHN W. HANDY, Lieutenant General, USAF
DCS/Installations and Logistics

unsupervised. Apprentices can be considered for appointment as unit trainers after completion of a formal trainer course.

★5.2. Journeyman (5-level). Once upgraded to the 5-level, the journeyman will enter into continuation training to broaden their experience base by increasing their knowledge and skill in troubleshooting and solving more complex problems. Five-levels may be assigned job positions such as quality assurance and various staff positions. After having 48 months in the Air Force, 5-levels will attend Airman Leadership School (ALS) to enhance their Professional Military Education (PME). Five-levels will be considered for appointment as unit trainers. Individuals will use their CDCs to prepare for Weight Airman Promotion testing. They should also consider continuing their education toward a Community College of the Air Force (CCAF) degree.

5.3. Craftsman (7-level): A craftsman can expect to fill various supervisory and management positions such as shift leader, element chief, flight/section chief, and task certifier. They can also be assigned to work in staff positions. Craftsmen should take courses to obtain added knowledge on management of resources and personnel. Continued academic education through CCAF and higher degree programs is encouraged. In addition, when promoted to TSgt, individuals will complete the Noncommissioned Officer Academy.

5.4. Superintendent (9-level): A superintendent can be expected to fill positions such as flight NCOIC, production supervisor, and various staff NCOIC jobs. Additional training in the areas of budget, manpower, resources, and personnel management should be pursued through continuing education. Individuals promoted to SMSgt will complete the Senior Noncommissioned Officer Academy. Additional higher education and completion of courses outside their career AFSC are also recommended.

6. Training Decisions: The CFETP uses a building block approach (simple to complex) to encompass the entire spectrum of training requirements for the Aircraft Hydraulic Systems Career Field. The spectrum includes a strategy for when, where, and how to meet these training requirements. The strategy must ensure we develop affordable training, eliminate duplication, and prevent a fragmented approach to training. The following training decisions were made by MAJCOM Functional Managers and Subject Matter Experts (SMEs) at the career field U&TW held at Sheppard AFB, Texas from 9-12 Jul 96.

6.1. Initial Skills: A decision was made to revise the 3-level course by replacing the lesson on hydraulic system draining and flushing with hydraulic power system bleeding. The lesson on high pressure air carts was replaced with a lesson on utilizing nitrogen servicing equipment. Pneumatics training was reduced to pneumatic principles only. The group determined that the lesson on electronic principles was too in-depth, they decided that the hydraulic students needed only enough electronic principles to understand what they are reading from a multimeter. The following training was added: hazardous waste/material handling and storage; CAMS supply interface (Standard Base Supply

System, SBSS); sealants; and the operational fundamentals of weapons/cargo door systems, air refueling receiver systems, and in-flight refueling systems.

6.2. Five-Level Upgrade Training: The 5-level CDCs will be developed to add needed material. Many changes were added to the Specialty Training Standard (STS) to provide additional training and to identify minimum core tasks for upgrade.

6.3. Seven-Level Upgrade Training. Seven-level CDCs were developed to provide greater depth of knowledge on hydraulic systems. The STS was reaccomplished to identify minimum Air Force core task requirements for upgrade. An in-residence 7-level course was also developed that will provide advanced troubleshooting techniques. Seven-level CDCs must be completed prior to attending the resident course.

★6.4. Proficiency Training. Any additional knowledge and skill requirements which were not taught through initial skills or upgrade training were assigned to continuation training. The purpose of the continuation training program is to provide additional training exceeding minimum upgrade training requirements with emphasis on present and future duty positions. MAJCOMs must ensure individuals in the Aircraft Hydraulic Systems career field receive the necessary training at the appropriate point in their career.

7. Community College of the Air Force (CCAF) Academic Programs. Enrollment in CCAF occurs upon completion of basic military training. CCAF provides the opportunity to obtain an Associates in Applied Sciences Degree. In addition, CCAF offers the following:

7.1. Occupational Instructor Certification. Upon completion of instructor qualification training, consisting of the Basic Instructor Course (BIC) and supervised practice teaching, CCAF instructors who possess an associates degree or higher may be nominated by their school commander/commandant for certification as an occupational instructor.

7.2 Trade Skill Certification. When a CCAF student separates or retires, a trade skill certification is awarded for the primary occupational specialty. The college uses a competency based assessment process for trade skill certification at one of four proficiency levels; Apprentice, Journeyman, Craftsman/Supervisor, or Master Craftsman/Manager. All are transcribed on the CCAF transcript.

7.3. Degree Requirements: All airmen are automatically entered into the CCAF program. Prior to completing an associates degree, the 5-level must be awarded and the following requirements must be met:

	Semester Hours
Technical Education.....	24
Leadership, Management, and Military Studies	6
Physical Education.....	4
General Education.....	15
Program Elective.....	15
Technical Education; Leadership, Management, and Military Studies; or General Education	
Total	64

7.3.1. Technical Education (24 Semester Hours): Completion of course J3ABR2A635 000 satisfies 16 semester hours of the technical education requirement. The remaining 8 semester hours are applied from Technical Core/Technical Elective courses.

7.3.2. Leadership, Management, and Military Studies (6 Semester Hours): Professional military education and/or civilian management courses.

7.3.3. Physical Education (4 Semester Hours): This requirement is satisfied by completion of Basic Military Training.

7.3.4. General Education (15 Semester Hours): Courses must meet the definition of General Education subjects/courses as provided in the CCAF General Catalog.

7.3.5. Program Elective (15 Semester Hours): Satisfied with applicable Technical Education; Leadership, Management, and Military Studies; or General Education subjects/courses, including natural science courses meeting GER application criteria. Six semester hours of CCAF degree-applicable technical credit otherwise not applicable to this program may be applied. See the CCAF General Catalog for details regarding the Associates of Applied Science for this specialty.

7.4. AETC Instructor Requirements. Additional off-duty education is a personal choice that is encouraged for all. Individuals desiring to become an AETC Instructor should be actively pursuing an associate's degree. It is necessary for instructors to have at least an associate's degree so the Technical School can maintain accreditation through the Southern Association of Colleges and Schools.

★8. Enlisted Career Path.

Table 8.2. Enlisted Career Path				
Education and Training Requirements	Grade Requirements			
	Rank	Average Sew-On	Earliest Sew-On	High Year Of Tenure (HYT)
Basic Military Training School				
Apprentice Technical School (3-Skill Level)	Amn A1C	6 months 16 months		
Upgrade To Journeyman (5-Skill Level) - Minimum 15 months on-the-job training. - Complete appropriate CDC if/when available.	Amn A1C SrA	6 months 16 months 3 years	28 months	10 Years
Airman Leadership School (ALS) - Must be a SrA with 48 months time in service or be a SSgt Selectee. - Resident graduation is a prerequisite for SSgt sew-on (Active Duty Only).				
<u>Trainer</u> - Qualified and certified to perform the task to be trained. - Have attended the formal trainer's course and appointed in writing by Commander.	<u>Certifier</u> - Be at least a 5-skill level SSgt; and qualified and certified to perform the task being certified - Attend formal certifier course and appointed in writing by Commander. - Be a person other than the trainer.			
Upgrade To Craftsman (7-Skill Level) - Minimum rank of SSgt. - 18 months OJT. - Complete appropriate CDC if/when available. - Advanced Technical School.	SSgt	7.5 years	3 years	20 Years
Noncommissioned Officer Academy (NCOA) - Must be a TSgt or TSgt Selectee. - Resident graduation is a prerequisite for MSgt sew-on (Active Duty Only).	TSgt	12.5 years	5 years	20 Years
	MSgt	16 years	8 years	24 Years
USAF Senior NCO Academy (SNCOA) - Must be a SMSgt or SMSgt Selectee. - A percentage of top nonselect (for promotion to E-8) MSgts attend the SNCOA each year. - Resident graduation is a prerequisite for CMSgt sew-on (Active Duty Only).	SMSgt	19.2 years	11 years	26 Years
Upgrade To Superintendent (9-Skill Level) - Minimum rank of SMSgt. - Must be a resident graduate of SNCOA (Active Duty Only).	CMSgt	21.5 years	14 years	30 Years

SECTION C - SKILL LEVEL TRAINING REQUIREMENTS

9. Purpose. Skill level training requirements in this career field are defined in terms of tasks and subject knowledge requirements. This section outlines the specialty qualification requirements for each skill level in general terms and establishes the mandatory requirements for entry, award, and retention of each skill level. The specific task and knowledge training requirements are identified in the STS in Part II, Sections A and B of this CFETP.

10. Specialty Qualification. . The various skill levels in this career field are defined in terms of tasks and subject knowledge proficiency requirements for each skill level. They are stated in broad general terms and establish the standards of performance. The specific task and knowledge training requirements are identified in the STS in Part II, Section A of the CFETP. Unit work centers must develop a structured training program to ensure the following requirements are met.

10.1. Apprentice Level Training.

10.1.1. Specialty Qualification:

10.1.1.1. Knowledge: To perform duties as an apprentice, an individual must be able to understand hydraulic, pneumatic, mechanical, and basic electrical principles applicable to aircraft and associated SE. The apprentice must be able to perform certain organizational level maintenance tasks under close supervision until task certified. An apprentice must be able to use technical data, common handtools, and special test equipment. An apprentice must be qualified to remove and install system components, perform operational checks, and troubleshoot simple malfunctions using system schematics. An apprentice must know the proper procedures for handling, storing, using, and disposing of hazardous waste and material.

10.1.1.2. Education: For entry into this specialty, completion of high school with courses in hydraulics, general science, and mechanics is desirable.

10.1.1.3. Training: For award of AFSC 2A635, completion of a basic aircraft hydraulic systems maintenance course is mandatory.

10.1.1.4. Experience: There is no experience necessary for entry into AFSC 2A635.

10.1.1.5. Other: For entry into this specialty, normal color vision as defined in AFI 48-123 is mandatory.

10.1.2. Training Sources. The initial skills course, J3ABR2A635-000, will provide the required knowledge and qualifications. Initial skills training encompasses hydraulic system theory and operation, electrical and electronic principles, system components, component removal and installation, introduction to maintenance concepts, general flight line maintenance practices, use of technical publications, maintenance documentation, and support equipment familiarization and use.

10.1.3. Implementation. Upon graduation from Basic Military Training, airmen are assigned to the Training Wing for completion of Course J3ABR2A635 000, Aircraft

Hydraulic Systems Apprentice. Completion of this course will result in award of the 3-skill level.

10.2. Journeyman Level Training:

10.2.1. Specialty Qualification:

10.2.1.1. Knowledge: In addition to the 3-level qualifications, a 5-level must possess the knowledge and skills necessary to maintain hydraulic systems and associated subsystems. An individual must be task qualified on inspecting aircraft hydraulic systems and components, troubleshooting and correcting system malfunctions, and repairing and replacing system components. Journeymen perform operational checks, component repair, and maintenance of test and support equipment. Individuals can apply the proper handling, storing, use, and disposal of hazardous waste and materials.

10.2.1.2. Education: There is no formal education for upgrade to 2A655.

10.2.1.3. Training: Requirements for the Journeyman level require completion of the 5-level CDC and completion of the core tasks specified in the STS.

★**10.2.1.4. Experience.** Qualification in and possession of AFS 2A635 and completion of all 5-level core tasks on at least one mission design series (MDS) aircraft identified in the STS is mandatory.

10.2.1.5. Other: Normal color vision as defined in AFI 48-123 is mandatory.

10.2.2. Training Sources and Resources. The 5-level CDC provides the career knowledge training required. Qualification training and OJT will provide training and qualification on the core tasks identified in the STS. The CDC is written to build from the trainee's current knowledge base, and provides more in-depth knowledge to support OJT requirements.

★**10.2.3. Implementation.** Training to the 5-level is performed by the units utilizing this STS, exportable courses, and CDCs. Upgrade to the 5-level requires completion of the 2A655 CDC and 15 months upgrade training.

10.3. Craftsman Level Training:

10.3.1. Specialty Qualification.

10.3.1.1. Knowledge. In addition to the 5-level qualifications, an individual must possess advanced skills and knowledge of theory, concepts, principles and application of hydraulic systems. The 7-level must be able to supervise and train personnel to maintain hydraulic systems. They must be able to plan, schedule, and organize maintenance to ensure effective utilization of available resources. Qualification is required on advanced repair, inspection, troubleshooting, and diagnostic techniques. Historical documentation analysis is also required for all 7-levels.

10.3.1.2. Education. There are no additional education requirements beyond those defined for the apprentice level.

10.3.1.3. Training. Completion of CDCs 2A675, 2AX7X and the resident 7-level course, J3ACR2A675-000, at Sheppard AFB TX is mandatory for upgrade to AFSC 2A675.

10.3.1.4. Experience. Completion of all required 7-level core tasks as identified in the STS, and qualification in and possession of AFSC 2A655. Also, experience performing

or supervising functions such as installing, maintaining, or repairing aircraft hydraulic systems.

10.3.1.5. Other. Normal color vision as defined in AFI 48-123 is mandatory.

10.3.2. Training Sources and Resources. Seven-level upgrade training will be conducted by certified trainers using AF core tasks, unit/MAJCOM specific courses, and the formal 7-level course, J3ACR2A675-000. The 7-level CDC and resident courses are written to provide advanced system and management knowledge, and troubleshooting skills.

★10.3.3. Implementation. Training to the 7-level is performed by the units utilizing the STS and CDCs. Upgrade to the 7-level requires completion of CDCs 2AX7X and 2A675, completion of all core tasks, 18 months OJT, completion of the advanced (Craftsman) in-resident technical school and promotion to SSgt.

10.4. Superintendent Level Training (9-Level).

10.4.1. Specialty Qualification.

10.4.1.1. Knowledge. In addition to 7-level qualifications, an individual must possess advanced skills and knowledge of concepts and principles in the management of aircraft maintenance. The 9-level needs to be an effective leader; must be able to forecast, budget, and manage funds and other resources; and must be knowledgeable of all environmental standards and ensure adherence to the proper handling, storage, and disposal of hazardous materials.

10.4.1.2. Education. There are no additional requirements beyond those defined for the apprentice level.

10.4.1.3. Training. For award of AFSC 2A690, completion of Senior NCO Academy and promotion to SMSgt is mandatory

10.4.1.4. Experience. Qualification in and possession of AFSC 2A675. Also experience managing or directing repair activities for hydraulic systems, and associated maintenance functions.

10.4.1.5. Other. Normal color vision as defined in AFI 48-123 is mandatory.

10.4.2. Training Sources and Resources. The Senior NCO Academy and unit OJT will be used for training.

10.4.3. Implementation. The 9-level will be awarded after completing MAJCOM requirements, unit OJT and promoted to SMSgt. Individuals will attend the Senior NCO Academy after they are selected for promotion to SMSgt. Guard and Reserve personnel can use correspondence courses.

SECTION D - RESOURCE CONSTRAINTS

Purpose: This section of the CFETP identifies known resource constraints which preclude optimum/desired training from being developed or conducted. Included is a narrative explanation of each resource constraint, an impact statement describing the effect of training, the resources needed, and the actions required to satisfy training requirements.

12. Three-level Training. There are no constraints.

13. Five-level Training. There are no constraints.

14. Seven-level Training. There are no constraints.

PART II

Section A - Specialty Training Standard

1. Implementation. This STS will be used for technical training provided by Air Education and Training Command for the following courses: (1) Course J3ABR2A635 000 beginning with class starting on 26 Jul 99 and graduating on 1 Dec 99; and (2) Course J3ACR2A675 000 beginning with class starting 26 Jul 99 and graduating on 6 Aug 99.

★2. Purpose of this STS. As prescribed in AFI 36-2202 and AFMAN 36-2247, this STS:

2.1. Lists in column 1 (Task, Knowledge, and Technical References) the most common tasks, knowledge, and technical references (TR) necessary for airmen to perform duties in the 3-, 5-, and 7-skill level. These are based on an analysis of the duties in AFMAN 36-2108, effective March 1998.

2.2. Identifies in column 2 (Core Tasks) by asterisk (*), specialty-wide training requirements. Core tasks identified with an */R are optional for the AFRC and the ANG. As a minimum, certification on all core tasks applicable to the specialty must be completed for skill level upgrade. Exemptions:

2.2.1. Core tasks which are not applicable to base assigned aircraft or equipment are not required for upgrade (units are not required to send personnel TDY for core task training)

2.2.2. For units with more than one MDS aircraft, upgrade trainees need only complete core tasks on a single MDS. If some of these core tasks involve training in another unit on base, trainees must still complete all core tasks relevant to at least one MDS. All units are bound by the requirements in this CFETP and will accommodate core task trainees from other units.

2.2.3. Units which use the GO81 maintenance data collection system do not need to complete Core Automated Maintenance System (CAMS) Computer Based Training (CBT) core tasks. However, these units must be capable of training CAMS related CBT core tasks for deployment preparation. This capability ensures GO81 users are capable of operating CAMS prior to deploying to CAMS using units.

2.3. Shows formal training requirements. Column 4A shows the level to which task/knowledge training is accomplished by the Training Wing for this course as described in AFCAT 36-2223. Column 4C lists the level to which task/knowledge training is accomplished by the Training Wing for this course (7-level school).

2.3.1. When two codes are used in column 4 (e.g. 2b/b), the first code is the established requirement for resident training on the task/knowledge and the second code indicates the level of training (normally a training shortfall) provided in the course due to equipment shortages or other resource constraints. An "x" after the "/" in a proficiency code (e.g. 2b/x) in columns 4a or 4c indicates that no training currently exists on that task. All two-coded proficiency levels are identified to AETC for future course adjustments.

2.4. Indicates in column 4B the career knowledge provided in the 5- and 7-level CDCs. See CDC listing maintained by the Unit Education and Training Manager (UETM) for current CDCs.

2.5. Identifies in column 2, Air Force minimum core task training requirements for award of AFSCs 2A655 and 2A675.

2.6. Provides in column 3, OJT certification columns to record completion of task and knowledge training requirements. Certification is accomplished IAW AFI 36-2201 and AFMAN 36-2247.

2.7. Is a guide for development of promotion tests used in the Weighted Airman Promotion System (WAPS). Specialty Knowledge Tests (SKTs) are developed at the USAF Occupational Measurement Squadron by senior NCOs with extensive practical experience in their career fields. The tests sample knowledge of STS subject matter areas judged by test development team members as most appropriate for promotion to higher grades. Questions are based upon study references listed in the WAPS catalog. Individual responsibilities are in chapter 14 of AFI 36-2606, *Reenlistment in the United States Air Force*. WAPS is not applicable to the Air National Guard or Air Force Reserve.

2.8. Becomes a Job Qualification Standard (JQS) for OJT when placed in the AF Form 623, On-the-Job Training Record, and used according to AFI 36-2201. For OJT, the tasks in column 1 are trained and qualified to the go/no go level. "Go" means the individual can perform the task without assistance and meets requirements for accuracy, timeliness, and correct procedures.

2.9. Identifies Upgrade Certification Procedures: Prior to upgrade, all 2A6X5 personnel, regardless of duty position, must satisfactorily complete all upgrade training requirements. Trainees must also meet AFSC requirements outlined in AFI 36-2101 and AFMAN 36-2108, and be task certified on all core tasks. All 7-level trainees must be certified on both 5-level and 7-level tasks and complete the formal 2A675 course for upgrade. Work centers may add local upgrade core tasks and non-mandatory tasks to the JQS. Completion of non-mandatory tasks pertinent to the unit will continue to be accomplished as tasks become available for training. Core tasks identified with an "**/R" in column 2 are optional for AFRC and ANG. However, these tasks should be completed as a part of continuation training when tasks become available.

2.10. Outlines Records Documentation Requirements: Document entries in accordance with AFMAN 36-2247. Identify duty position requirements by circling (in pencil) the subparagraph number next to the task statement. As a minimum, complete the following columns in Part II of the CFETP: date training completed, trainee initials, trainer initials, and certifier initials. Trainers may sign off non-core and non-critical tasks by initialing the trainer's column; third party certification is not required for non-core and non-critical tasks.

2.10.1. Converting from Old Document to CFETP. CFETPs are used, when available, to identify and certify all past and current qualifications. For tasks previously certified and required in the current duty position, evaluate current qualifications and, when verified, recertify using current date as completion date and trainee and certifier enter initials. For non-core and non-critical tasks required in the current duty position, evaluate current qualifications and when verified, recertify using current date as completion date and enter trainee's and trainer's initials. For previous certification on tasks not required in the current duty position, carry forward only the previous certification date (not the initials of another person). If and when these tasks become a duty position requirement, recertify using standard certification procedures.

2.10.2. Documenting Career Knowledge. When a CDC is not available, the supervisor identifies CFETP, Part II training references the trainee requires for career knowledge and ensures, as a minimum, that trainers cover the mandatory items in AFMAN 36-2108. For two-time CDC course exam failures, supervisors identify all CFETP, Part II items corresponding to the areas covered by the CDC. The trainee completes a study of references, undergoes evaluation by the task certifier, and receives certification on the CFETP, Part II. Supervisors must document career knowledge prior to submission of a CDC waiver.

2.10.3. Decertification and Recertification. When a supervisor determines an airman is unqualified on a task previously certified for his or her assigned position, the supervisor lines through the previous certification or deletes previous certification when using an automated system. He/she then enters remarks pertaining to the reason for decertification on the AF Form 623a. The individual is recertified (if required) either by erasing the old entries or covering the task (certification was in ink) and writing in the new certification date and initials.

2.10.4. AF Form 797. When additional items not listed in the CFETP, Part II are necessary in the current duty assignment, enter them on the AF Form 797. Additional duties identified by appointment letter where task certification is not accomplished are not documented on the 797.

★3. Disposition of Training Records. Upon separation, retirement, commissioning, or promotion to Master Sergeant (unless otherwise directed by the AFCFM, MAJCOM, unit commander, or supervisor), give the individual their training records. Also, give individuals outdated training records after transcribing records. Do not remove any training records that show past qualifications unless transcribed to a new CFETP/AFJQS. For example, a crew chief working in a tool crib or a staff position must maintain documented flightline qualifications in case he/she returns to direct maintenance duty in the workcenter. Supervisors must exercise good judgment when removing training records not needed in current duty positions.

4. Proficiency Code Keys. Attachment 1 indicates level of training and knowledge provided by resident training and career development courses.

5. Recommendations: Report unsatisfactory performance of individual course graduates to the AETC training manager at 364 TRS/TRR, 511 9th Ave Suite 1, Sheppard AFB TX, 76311-2338, DSN 736-2772. Reference specific STS paragraphs. A customer service information line has been installed for the supervisor's convenience to identify graduates who may have received over or under training on task/knowledge items listed in this training standard. For a quick response to problems, call our customer service information line, DSN 736-5236, any time, day or night.

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL

JOHN W. HANDY, Lieutenant General, USAF
DCS/Installations and Logistics

8 Attachments

1. Proficiency Code Key (mandatory)
2. STS - 2A6X5, Fundamental Training Requirements (mandatory)
3. STS - 2A6X5, AMC Training Requirements (optional)
4. STS - 2A6X5, Fighter Requirements (optional)
5. STS - 2A6X5, B-52 Requirements (optional)
6. STS - 2A6X5, B-1 Requirements (optional)
7. STS - 2A6X5, E-3 Requirements (optional)
8. STS - 2A6X5, B-2 Requirements (optional)

NOTE: At least one of the optional attachments must be filed.

<i>This Block Is For Identification Purposes Only</i>		
Name Of Trainee		
Printed Name (Last, First, Middle Initial)	Initials (Written)	SSAN
Printed Name Of Training/Certifying Official And Written Initials		
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	

QUALITATIVE REQUIREMENTS

Proficiency Code Key		
	Scale Value	Definition: The individual
Task Performance Levels	1	IS EXTREMELY LIMITED (Can do simple parts of the task. Needs to be told or shown how to do most of the task.)
	2	IS PARTIALLY PROFICIENT (Can do most parts of the task. Needs only help on hardest parts.)
	3	IS COMPETENT (Can do all parts of the task. Needs only a spot check of completed work.)
	4	IS HIGHLY PROFICIENT (Can do the complete task quickly and accurately. Can tell or show others how to do the task.)
*Task Knowledge Levels	a	KNOWS NOMENCLATURE (Can name parts, tools, and simple facts about the task.)
	b	KNOWS PROCEDURES (Can determine step by step procedures for doing the task.)
	c	KNOWS OPERATING PRINCIPLES (Can identify why and when the task must be done and why each step is needed.)
	d	KNOWS ADVANCED THEORY (Can predict, isolate, and resolve problems about the task.)
**Subject Knowledge Levels	A	KNOWS FACTS (Can identify basic facts and terms about the subject.)
	B	KNOWS PRINCIPLES (Can identify relationship of basic facts and state general principles about the subject.)
	C	KNOWS ANALYSIS (Can analyze facts and principles and draw conclusions about the subject.)
	D	KNOWS EVALUATION (Can evaluate conditions and make proper decisions about the subject.)
<p>Explanations</p> <p>* A task knowledge scale value may be used alone or with a task performance scale value to define a level of knowledge for a specific task. (Example: b and 1b)</p> <p>** A subject knowledge scale value is used alone to define a level of knowledge for a subject not directly related to any specific task, or for a subject common to several tasks.</p> <p>- This mark is used alone instead of a scale value to show that no proficiency training is provided in the courses or CDC's.</p> <p>/ This mark is used in course columns to show that training is required but not given due to limitations in resources (3c/b, 2b/b etc.).</p> <p>Note: Tasks and knowledge items shown with an asterisk (*) in column one are trained during war time.</p>		

FUNDAMENTAL TRAINING REQUIREMENTS

Change 1, CFETP 2A6X5, 1 March 1999

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
ATTACHMENT 2											
NOTE 1: The tasks and knowledge listed in attachment 2 apply to all personnel in the hydraulic systems specialty.											
NOTE 2: Tasks and knowledge identified by an asterisk (*) in column 1 are trained in the in-resident AETC wartime courses.											
NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision.											
NOTE 4: Items marked in columns 2a or 2b marked with a *R are optional core tasks for ANG and AFRC.											
NOTE 5: Address comments and recommended changes through the MAJCOM Functional Managers to the AETC Training Manager, DSN 736-2772.											
A2.1. SECURITY											
A2.1.1. Communication Security (COMSEC) TR: DOD 5200; 1R, AFP 100-46											
A2.1.1.1. Classify information								-	-	-	-
A2.1.1.2. Prevent security violations								-	-	-	-
A2.1.1.3. Use MAJCOM/SOA EEFIs								-	-	-	-
A2.1.1.4. Observe security precautions involved in communications								-	-	-	-
A2.2. Operations Security (OPSEC) TR: AFI 10-1101											
A2.2.1. Definition of OPSEC								-	-	-	-
A2.2.2. History of OPSEC								-	-	-	-
A2.2.3. Relationship of OPSEC to other security programs such as COMSEC, information security, and physical security								-	-	-	-
A2.2.4. Common OPSEC vulnerabilities								-	-	-	-
A2.2.5. OPSEC significance of unclassified data								-	-	-	-
*A2.2.6. Specific OPSEC vulnerabilities								A	-	-	-
A2.3. AF OCCUPATIONAL SAFETY AND HEALTH (AFOSH) PROGRAM TR: AFI 91-302; Applicable OSHA and AFOSH standards											
*A2.3.1. Hazards of the AFSC 2A6X5								A	B	-	-
A2.3.1.1. Initiate AFTO Form 55								-	-	-	-
A2.3.2. AFOSH standards for AFSC 2A6X5								A	B	-	-
A2.3.3. Nuclear safety/nuclear safety regulations TR: AFIs 36-2104, 91-101, 91-104								-	B	-	-
A2.3.4. Maintain safe work area TR: AFIs 21-101, 32-2001								2b	B	-	-
★A2.3.5. Use safety practices TR: AFIs 21-101, 32-2001; TOs 32-1-2, 32-1-101; AFOSH 91-2, -3; 91-12, -22, -31, -32, -45, -56, -67, -100; 161-9, -20, -21											
*A2.3.5.1. In shop								2b	B	-	-
*A2.3.5.2. On flightline								2b	B	-	-

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Change 1, CFETP 2A6X5, 1 March 1999

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
*A2.3.5.3. Tools/equipment								2b	B	-	-
*A2.3.5.4. Portable fire extinguishers								b	-	-	-
★A2.3.6. Initial Federal Hazard Communication Training Program (FHCTP) TR: AFOSH 161-21, 161-21-1W, 161-21-1G								A	-	-	-
A2.3.7. Select/use restraint harness								-	-	-	-
★A2.4. HAZARDOUS MATERIALS AND WASTE HANDLING ACCORDING TO ENVIRONMENTAL STANDARDS TR: EPA State Regulations											
*A2.4.1. Types of hazardous materials/fluids								B	B	-	-
*A2.4.2. Handling procedures								B	B	-	-
*A2.4.3. Storage and labeling								B	B	-	-
*A2.4.4. Proper disposal								B	B	-	-
A2.5. MAINTENANCE MANAGEMENT											
A2.5.1. Logistics Support/OPS Group Organizational Structure TR: AFI 21-101 and applicable MAJCOM directives								-	B	-	-
A2.5.2. Basic functions/structure within the maintenance complex								A	B	-	-
A2.5.3. Core Automated Maintenance System (CAMS) TR: AFMs 66-279; TO 00-20 series								B	B	-	-
*A2.5.4. Processing and controlling material TR: AFI 21-101, TO 00-20 series								A	B	-	-
A2.5.5. Management of training TR: AFI 36-2201								A	B	-	B
*A2.5.6. Maintenance Data Collection TR: TO 00-20 series								A	B	-	B
A2.5.7. Minimum Essential Subsystem List (MESL) TR: AFI 21-103								-	-	-	A
A2.5.8. Process PMEL equipment								-	-	-	-
A2.5.9. Process repairable assets (DIFM)								-	-	-	-
A2.6. MAINTENANCE AND INSPECTION											
A2.6.1. Maintenance systems TR: AFI 21-101								A	B	-	-
A2.6.2. Inspection systems TR: TO 00-20 series								A	B	-	-
*A2.6.3. Use Core Automated Maintenance System (CAMS) TR: AFMs 66-279; TO 00-20 series	*							2b	-	-	-

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1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
*A2.6.4. Material Deficiency Reporting System TR: TO 00-35D-54, AFM 66-279								A	B	-	B
*A2.6.5. Use maintenance data collection forms TO 00-20 series								2b	B	-	-
A2.6.6. Accomplish aircraft records/781 series forms TR: TO 00-20 series								-	-	-	-
A2.6.7. Accomplish support equipment maintenance records TR: TO 00-20 series								-	-	-	-
A2.6.8. Perform aircraft periodic inspection workcards TR: Applicable -6 TOs	*							-	-	-	-
A2.7. SUPERVISION											
A2.7.1. Orient new personnel TR: AFI 36-2101, 36-2201								-	-	-	-
A2.7.2. Assign personnel to work crews TR: AFI 21-101								-	-	-	-
A2.7.3. Plan work assignments and priorities TR: AFI 21-101								-	-	-	-
A2.7.4. Schedule work assignments TR: AFI 21-101								-	-	-	-
A2.7.5. Establish											
A2.7.5.1. Work methods								-	-	-	-
A2.7.5.2. Controls								-	-	-	-
A2.7.5.3. Performance standards TR: AFI 21-101								-	-	-	-
A2.7.6. Evaluate work performance of subordinate personnel TR: AFI 36-2403								-	-	-	-
A2.7.7. Resolve technical problems for subordinate personnel TR: AFI 21-101								-	-	-	-
A2.7.8. Counsel personnel and resolve individual problems								-	-	-	-
A2.7.9. Initiate action to correct substandard performance by personnel TR: AFIs 36-2907, 36-2503								-	-	-	-
A2.7.10. Inspect Maintenance Actions (IPI, Red X, etc) TR: TO 00-20-5								-	-	3c	-
A2.7.11. Justify Personnel								-	-	-	-
A2.7.12. Justify Equipment								-	-	-	-
A2.8. TRAINING TR: AFI 36-2201											
A2.8.1. Evaluate personnel to determine need for trng								-	-	-	-

FUNDAMENTAL TRAINING REQUIREMENTS

Change 1, CFETP 2A6X5, 1 March 1999

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A2.8.2. Plan and supervise OJT								-	-	-	-
A2.8.2.1. Prepare job qualification standards								-	-	-	-
A2.8.2.2. Conduct training								-	-	-	-
A2.8.2.3. Counsel trainees on their progress								-	-	-	-
A2.8.2.4. Monitor effectiveness of training											
A2.8.2.4.1. Career knowledge upgrade								-	-	-	-
A2.8.2.4.2. Job proficiency upgrade								-	-	-	-
A2.8.2.4.3. Qualifications								-	-	-	-
A2.8.3. Maintain training records								-	-	-	-
A2.8.4. Evaluate effectiveness of training programs								-	-	-	-
A2.8.5. Recommend personnel for training TR: AFI 36-2101								-	-	-	-
A2.9. TECHNICAL PUBLICATIONS											
*A2.9.1. Fundamentals of the TO system TR: TO 00-5 series								B	B	-	-
*A2.9.2. Use technical manuals TR: TO 00-5-1 (Sec II and V); specific equipment technical manuals	*							2b	B	-	-
A2.9.3. Use standard publications TR: AFI 0-series		*						-	-	-	-
*A2.9.4. Use methods and procedures TOs TR: TO 00-XX series	*							2b	B	-	-
*A2.9.5. Use abbreviated technical orders TR: TO 00-5-1 (sec II), applicable abbrev TOs	*							2b	-	-	-
*A2.9.6. Comply with Time Compliance TOs TR: AFI 21-101; TO 00-5-15, applicable TCTOs								b	B	-	-
*A2.9.7. Initiate technical order improvement report TR: TO 00-5-1 (sec V)		*						a	B	-	-
★A2.10. AF SUPPLY TR: AFM 23-110, AFM 66-279, TO 00-25-195											
*A2.10.1. Proper accountability								A	B	-	-
A2.10.2. Principles of supply authorization and mgmt								-	A	-	B
A2.10.3. SBSS								2b/b	B	-	-
A2.10.4. Fed Log								-	A	-	-
A2.10.5. DLA/DLR								-	B	-	B
A2.10.6. Funds management								-	-	-	-
A2.10.7. Maintain supply records								-	-	-	-

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1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
*A2.12.7. Apply/disconnect external hydraulic power	*							2b	-	-	-
A2.13. ELECTRICAL/ELECTRONIC FUNDAMENTALS APPLICABLE TO AFSC 2A6X5 TR: TO 31 series; applicable aircraft TOs											
*A2.13.1. DC fundamentals								A	B	-	B
*A2.13.2. AC fundamentals								A	B	-	B
*A2.13.3. Operational fundamentals of basic circuits								A	B	-	B
*A2.13.4. Use schematics and diagrams								1b	B	c	B
*A2.13.5. Troubleshoot circuits								1b	B	c	B
A2.13.6. Aircraft guarded switches								-	-	-	-
A2.14. HYDRAULIC FUNDAMENTALS TR: TM 1-1500-204-23-2, Aviation Unit Maintenance Manual, Pneudraulic Maintenance and Practices Volume 2											
*A2.14.1. Principle of hydraulics								A	B	-	-
*A2.14.2. Principles of pneumatics								A	B	-	-
*A2.14.3. Use schematics and diagrams	*							1b	B	c	B
A2.15. HYDRAULIC POWER SYSTEMS TR: Applicable aircraft TOs											
*A2.15.1. Operational fundamentals								B	B	-	-
*A2.15.2. Inspect system	*							2b	B	-	-
*A2.15.3. Perform operational check	*							1b	-	-	-
A2.15.4. Drain hydraulic system								-	-	-	-
*A2.15.5. Flush hydraulic system								-	B	-	-
*A2.15.6. Service Accumulator	*							1b	B	-	-
A2.15.7. Service Reservoir	*							1b	B	-	-
A2.15.8. Remove components											
*A2.15.8.1. Pumps								2b	-	-	-
A2.15.8.2. Motors								-	-	-	-
A2.15.8.3. Valves								-	-	-	-
A2.15.8.4. Filters								-	-	-	-
*A2.15.8.5. Reservoirs								2b	-	-	-
A2.15.8.6. Manifolds								-	-	-	-
A2.15.8.7. Accumulators								-	-	-	-
A2.15.8.8. Indicating Devices								-	-	-	-
A2.15.9. Install components											
*A2.15.9.1. Pumps								2b	-	-	-

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1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A2.15.9.2. Motors								-	-	-	-
A2.15.9.3. Valves								-	-	-	-
A2.15.9.4. Filters								-	-	-	-
*A2.15.9.5. Reservoirs								2b	-	-	-
A2.15.9.6. Manifolds								-	-	-	-
A2.15.9.7. Accumulators								-	-	-	-
A2.15.9.8. Indicating Devices								-	-	-	-
A2.15.10. Bleed hydraulic system	*							-	B	-	-
A2.15.11. Repair./overhaul components											
A2.15.11.1. Pumps								-	-	-	-
A2.15.11.2. Motors								-	-	-	-
A2.15.11.3. Valves								-	-	-	-
A2.15.11.4. Filters								-	-	-	-
A2.15.11.5. Reservoirs								-	-	-	-
A2.15.11.6. Manifolds								-	-	-	-
*A2.15.11.7. Accumulators								2b	B	-	-
A2.15.11.8. Indicating Devices								-	-	-	-
A2.15.12. Bench check components											
★A2.15.12.1. Pumps								-	B	-	-
A2.15.12.2. Motors								-	-	-	-
A2.15.12.3. Valves								-	-	-	-
A2.15.12.4. Filters								-	-	-	-
★A2.15.12.5. Reservoirs								-	B	-	-
A2.15.12.6. Manifolds								-	-	-	-
★A2.15.12.7. Accumulators								2b	-	-	-
A2.15.12.8. Indicating Devices								-	-	-	-
A2.15.13. Perform adjustments								-	B	-	-
*A2.15.14. Troubleshoot malfunctions		*						1b	B	3c	-
A2.16. LANDING GEAR SYSTEMS TR: Applicable aircraft TOs											
*A2.16.1. Operational fundamentals								B	B	-	-
*A2.16.2. Perform operational check of normal system	*							1b	-	-	-
*A2.16.3. Perform operational check of emergency system								1b	-	-	-

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1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A2.18.6. Install components											
A2.18.6.1. Swivels								-	-	-	-
A2.18.6.2. Manifolds								-	-	-	-
A2.18.6.3. Accumulators								-	-	-	-
A2.18.6.4. Valves								-	-	-	-
A2.18.7. Bleed brake system	*							-	B	-	-
A2.18.8. Repair/Overhaul components											
A2.18.8.1. Swivels								-	-	-	-
A2.18.8.2. Manifolds								-	-	-	-
A2.18.8.3. Accumulators								-	-	-	-
A2.18.8.4. Valves								-	-	-	-
*A2.18.8.5. Brake Assemblies								2b	B	-	-
A2.18.9. Bench check components											
A2.18.9.1. Swivels								-	-	-	-
A2.18.9.2. Manifolds								-	-	-	-
A2.18.9.3. Accumulators								-	-	-	-
A2.18.9.4. Valves								-	-	-	-
*A2.18.9.5. Brake Assemblies								2b	-	-	-
A2.18.10. Perform adjustments								-	-	-	-
*A2.18.11. Troubleshoot malfunctions		*						1b	B	3c	-
A2.19. FLIGHT CONTROL SYSTEMS TR: Applicable aircraft TOs											
*A2.19.1. Operational fundamentals								B	B	-	-
*A2.19.2. Perform operational check	*							1b	-	-	-
*A2.19.3. Inspect system	*							2b	-	-	-
A2.19.4. Service Components								-	-	-	-
A2.19.5. Remove components											
*A2.19.5.1. Actuators	*							2b	-	-	-
A2.19.5.2. Motors								-	-	-	-
*A2.19.5.3. Valves								2b	-	-	-
A2.19.5.4. Boost Packs	*							-	-	-	-
A2.19.5.5. Manifolds								-	-	-	-
A2.19.5.6. Swivels								-	-	-	-
A2.19.6. Install components											
*A2.19.6.1. Actuators	*							2b	-	-	-
A2.19.6.2. Motors								-	-	-	-

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1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
*A2.19.6.3. Valves								2b	-	-	-
A2.19.6.4. Boost Packs	*							-	-	-	-
A2.19.6.5. Manifolds								-	-	-	-
A2.19.6.6. Swivels								-	-	-	-
A2.19.7. Bleed flight control system								-	B	-	-
A2.19.8. Repair/Overhaul components											
A2.19.8.1. Actuators								-	-	-	-
A2.19.8.2. Motors								-	-	-	-
A2.19.8.3. Valves								-	-	-	-
A2.19.8.4. Boost Packs								-	-	-	-
A2.19.8.5. Manifolds								-	-	-	-
A2.19.8.6. Swivels								-	-	-	-
A2.19.9. Bench check components											
A2.19.9.1. Actuators								-	-	-	-
A2.19.9.2. Motors								-	-	-	-
A2.19.9.3. Valves								-	-	-	-
A2.19.9.4. Boost Packs								-	-	-	-
A2.19.9.5. Manifolds								-	-	-	-
A2.19.9.6. Swivels								-	-	-	-
A2.19.10. Perform adjustments								-	-	-	-
*A2.19.11. Troubleshoot malfunctions		*						1b	B	3c	-
A2.20. WEAPONS/CARGO DOOR SYSTEMS TR: Applicable aircraft TOs											
*A2.20.1. Operational fundamentals								A	B	-	-
★A2.20.2. Perform operational check	*							2b	-	-	-
A2.20.3. Inspect system	*							-	-	-	-
A2.20.4. Service components	*							-	-	-	-
A2.20.5. Remove components											
A2.20.5.1. Actuators								-	-	-	-
A2.20.5.2. Motors								-	-	-	-
A2.20.5.3. Valves								-	-	-	-
A2.20.5.4. Manifolds								-	-	-	-
A2.20.5.5. Swivels								-	-	-	-
A2.20.5.6. Pumps								-	-	-	-
A2.20.6. Install components											
A2.20.6.1. Actuators								-	-	-	-

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1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A2.22.6.7. Switches								-	-	-	-
A2.22.6.8. Lock Latch								-	-	-	-
A2.22.6.9. Actuators								-	-	-	-
A2.22.6.10. Accumulator								-	-	-	-
A2.22.6.11. Surge Boots								-	-	-	-
A2.22.6.12. Hose Reel								-	-	-	-
A2.22.7. Bleed system								-	-	-	-
A2.22.8. Repair/Overhaul components											
A2.22.8.1. Nozzle								-	-	-	-
A2.22.8.2. Valves								-	-	-	-
A2.22.8.3. Boom Assembly								-	-	-	-
A2.22.8.4. Actuators								-	-	-	-
A2.22.8.5. Accumulator								-	-	-	-
A2.22.8.6. Hose Reel								-	-	-	-
A2.22.8.7. Drogue Assemblies								-	-	-	-
A2.22.9. Bench check components											
A2.22.9.1. Nozzle								-	-	-	-
A2.22.9.2. Valves								-	-	-	-
A2.22.9.3. Boom Assembly								-	-	-	-
A2.22.9.4. Actuators								-	-	-	-
A2.22.9.5. Accumulator								-	-	-	-
A2.22.9.6. Hose Reel								-	-	-	-
A2.22.9.7. Drogue Assemblies								-	-	-	-
A2.22.9.10. Perform adjustments								-	-	-	-
A2.22.11. Rig IFR system		*						-	-	-	-
A2.22.12. Troubleshoot malfunctions		*						-	B	-	-
A2.23. SHOP AND AEROSPACE GROUND EQUIPMENT TR: Applicable equipment TOs											
A2.23.1. Shop equipment											
A2.23.1.1. Hose cutoff machine											
*A2.23.1.1.1. Operate								2b	B	-	-
A2.23.1.1.2. Maintain	*							-	B	-	-
A2.23.1.2. Hose Assembly machine											
*A2.23.1.2.1. Operate								2b	B	-	-
A2.23.1.2.2. Maintain	*							-	B	-	-

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Attachment 2

B-52 REQUIREMENTS

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1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
Attachment 5											
NOTE 1: The core tasks listed in Attachment 5 are in addition to those in Attachment 2.											
NOTE 2: Tasks and knowledge listed in Attachment 5 will be used in conjunction with Attachment 2 by B-52 personnel for upgrade requirements.											
NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision.											
NOTE 4: Address comments and recommended changes through ACC Functional Managers to the AETC Training Manager, DSN 736-2772.											
A5.1. HYDRAULIC POWER SYSTEMS TR: Applicable aircraft TOs											
A5.1.1. Perform operational check	*							-	-	-	-
A5.1.2. Service components	*							-	-	-	-
A5.1.3. Remove components											
A5.1.3.1. Pumps	*							-	-	-	-
★A5.1.3.2. Valves								-	-	-	-
A5.1.3.3. Filters	*							-	-	-	-
★A5.1.3.4. Accumulators								-	-	-	-
A5.1.4. Install components											
A5.1.4.1. Pumps	*							-	-	-	-
★A5.1.4.2. Valves								-	-	-	-
A5.1.4.3. Filters	*							-	-	-	-
★A5.1.4.4. Accumulators								-	-	-	-
A5.2. LANDING GEAR SYSTEMS TR: Applicable aircraft TOs											
A5.2.1. Remove components											
A5.2.1.1. Actuators	*							-	-	-	-
★A5.2.1.2. Valves								-	-	-	-
A5.2.3. Install components											
A5.2.3.1. Actuators	*							-	-	-	-
★A5.2.3.2. Valves								-	-	-	-
A5.2.4. Repair/Overhaul components											
★A5.2.4.1. Actuators								-	-	-	-
★A5.2.4.2. Valves								-	-	-	-
A5.3. WHEEL BRAKE SYSTEM TR: Applicable aircraft TOs											
A5.3.1. Remove components											
A5.3.1.1. Swivels	*							-	-	-	-
A5.3.1.2. Brake Assembly								-	-	-	-
A5.3.2. Install components											
A5.3.2.1. Swivels	*							-	-	-	-

B-52 REQUIREMENTS

Change 1, CFETP 2A6X5, 1 March 1999

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A5.3.2.2. Brake Assembly								-	-	-	-
A5.4. FLIGHT CONTROL SYSTEMS Applicable Aircraft TOs								-	-	-	-
A5.4.1. Remove components											
A5.4.1.1. Actuators	*							-	-	-	-
★A5.4.1.2. Rudder Elevator Transformer								-	-	-	-
★A5.4.1.3. Rudder Elevator Pump								-	-	-	-
★A5.4.1.4. Rudder Elevator Reservoir								-	-	-	-
★A5.4.1.5. Swivels								-	-	-	-
A5.4.2. Install components											
★A5.4.2.1. Rudder Elevator Transformer								-	-	-	-
★A5.4.2.2. Rudder Elevator Pump								-	-	-	-
★A5.4.2.3. Rudder Elevator Reservoir								-	-	-	-
★A5.4.2.4. Swivels								-	-	-	-
A5.4.3. Repair/Overhaul components											
★A5.4.3.1. Rudder Elevator Transformer								-	-	-	-
★A5.4.3.2. Rudder Elevator Pump								-	-	-	-
★A5.4.3.3. Rudder Elevator Reservoir								-	-	-	-
A5.4.4. Bench check components											
★A5.4.4.1. Rudder Elevator Transformer								-	-	-	-
★A5.4.4.2. Rudder Elevator Pump								-	-	-	-
★A5.4.4.3. Rudder Elevator Reservoir								-	-	-	-
A5.5. WEAPONS/CARGO DOOR SYSTEMS TR: Applicable aircraft TOs											
A5.5.1. Remove components											
A5.5.1.1. Hydraulic Actuators	*										
★A5.5.1.2. Hydraulic Valves								-	-	-	-
A5.5.2. Install components											
A5.5.2.1. Hydraulic Actuators	*							-	-	-	-
★A5.5.2.2. Hydraulic Valves								-	-	-	-

B-1 SPECIFIC REQUIREMENTS

Change 1, CFETP 2A6X5, 1 March 1999

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
Attachment 6											
NOTE 1: The core tasks listed in Attachment 6 are in addition to those in Attachment 2.											
NOTE 2: Tasks and knowledge listed in Attachment 6 will be used in conjunction with Attachment 2 by B-1 personnel for upgrade requirements.											
NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision.											
NOTE 4: Due to extensive changes in this STS, changes are NOT indicated with a star (★).											
NOTE 5: Address comments and recommended changes through ACC Functional Managers to the AETC Training Manager, DSN 736-2772.											
A6.1. GROUND HANDLING TR: 1B-1B-2-05, Applicable aircraft TOs											
A6.1.1. Stairladder extension and retraction TR: 1B-1B—2-05JG-10-1								-	-	-	-
A6.1.2. Apply/Disconnect external electrical power	*							-	-	-	-
A6.1.3. Aircraft safe for maintenance	*							-	-	-	-
A6.1.4. Aircraft safe for simulated airborne								-	-	-	-
A6.1.5. Main Landing Gear Door Open and Close								-	-	-	-
A6.1.6. Weapons bay door open and close								-	-	-	-
A6.1.7. Aircraft fuselage jack observer								-	-	-	-
A6.1.8. APU ground observer								-	-	-	-
A6.1.9. APU operation								-	-	-	-
A6.1.10. Safing devices								-	-	-	-
A6.2. HYDRAULIC POWER SYSTEMS TR: 1B-1B-2-29, Applicable aircraft TOs											
A6.2.1. Operational fundamentals								-	-	-	-
A6.2.2. Perform operational check								-	-	-	-
A6.2.3. Engine driven pumps		*						-	-	-	-
A6.2.4. Flush system								-	-	-	-
A6.2.5. Service components											
A6.2.5.1. Hydraulic fluid sampling								-	-	-	-
A6.2.5.2. Reservoir	*							-	-	-	-
A6.2.5.3. Auxiliary power unit								-	-	-	-
A6.2.5.4. Integrated drive gearbox (IDG)								-	-	-	-
A6.2.5.5. Accessory drive gearbox								-	-	-	-
A6.2.5.6. Gaseous nitrogen bottle								-	-	-	-
A6.2.6. Depressurize system											
A6.2.6.1. Main system	*							-	-	-	-
A6.2.7. Drain system											
A6.2.7.1. Hydraulic reservoir								-	-	-	-

B-1 SPECIFIC REQUIREMENTS

Change 1, CFETP 2A6X5, 1 March 1999

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A6.2.8. Remove/Install components											
A6.2.8.1. Filter elements	*							-	-	-	-
A6.2.8.2. Engine driven pumps		*						-	-	-	-
A6.2.8.3. Filter housing											
A6.2.8.4. Relief valve								-	-	-	-
A6.2.8.5. Return filter housing								-	-	-	-
A6.2.8.6. Reservoir #1 and #4											
A6.2.8.7. Hydraulic reservoir relief valve								-	-	-	-
A6.2.8.8. Gaseous nitrogen relief manifold and filter								-	-	-	-
A6.2.8.9. Gaseous nitrogen reservoir relief valve								-	-	-	-
A6.2.8.10. Gaseous nitrogen pressure reduction valve								-	-	-	-
A6.2.8.11. Gaseous nitrogen reservoir								-	-	-	-
A6.2.8.12. Pressure coupling											
A6.2.8.13. Return coupling								-	-	-	-
A6.2.8.14. Reservoir dump, vent, and sample valve								-	-	-	-
A6.2.8.15. Thermal bypass valve								-	-	-	-
A6.2.8.16. Pressure transducers	*							-	-	-	-
A6.2.8.17. Fluid quantity sensors								-	-	-	-
A6.2.8.18. Reservoir #2 and #3											
A6.2.8.19. Rosan fittings								-	-	-	-
A6.2.8.20. Return filter element								-	-	-	-
A6.2.9. Repair/Overhaul components											
A6.2.9.1. Gaseous nitrogen relief manifold/filter								-	-	-	-
A6.2.9.2. Gaseous nitrogen pressure reduction valve								-	-	-	-
A6.2.9.3. Reservoir relief valve											
A6.2.9.3.1. Self displacing accumulator								-	-	-	-
A6.2.9.3.2. Position accumulator								-	-	-	-
A6.2.10. Bench check components											
A6.2.10.1. Gaseous nitrogen relief manifold/filter								-	-	-	-
A6.2.10.2. Gaseous nitrogen pressure reduction valve								-	-	-	-
A6.2.10.3. Reservoir relief valve								-	-	-	-
A6.2.10.4. Self displacing accumulator								-	-	-	-
A6.2.10.5. Position accumulator								-	-	-	-
A6.3. LANDING GEAR SYSTEMS TR: 1B-1B-2-32, Applicable aircraft TOs											
A6.3.1. Operational fundamentals								-	-	-	-

B-1 SPECIFIC REQUIREMENTS

Change 1, CFETP 2A6X5, 1 March 1999

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A6.3.2. Perform operational check											
A6.3.2.1. Normal extension and retraction (Position A)		*						-	-	-	-
A6.3.2.2. Normal extension and retraction (Position B)	*										
A6.3.2.3. Emergency extension								-	-	-	-
A6.3.2.4. MLG door forces								-	-	-	-
A6.3.3. Remove/install components											
A6.3.3.1. MLG strut uplock cylinder								-	-	-	-
A6.3.3.2. MLG strut cylinder								-	-	-	-
A6.3.3.3. MLG downlock cylinder								-	-	-	-
A6.3.3.4. MLG door cylinder								-	-	-	-
A6.3.3.5. MLG door lock cylinder								-	-	-	-
A6.3.3.6. MLG door selector and emergency dump valve								-	-	-	-
A6.3.3.7. MLG strut selector and emergency dump valve								-	-	-	-
A6.3.3.8. MLG door anti-blow back valve								-	-	-	-
A6.3.3.9. MLG emergency extend cylinder								-	-	-	-
A6.3.3.10. MLG emergency extend accumulator								-	-	-	-
A6.3.3.11. NLG strut cylinder								-	-	-	-
A6.3.3.12. NLG strut uplock cylinder								-	-	-	-
A6.3.3.13. NLG strut downlock cylinder								-	-	-	-
A6.3.3.14. NLG door cylinder								-	-	-	-
A6.3.3.15. NLG door lock cylinder								-	-	-	-
A6.3.3.16. NLG door selector and emergency dump valve								-	-	-	-
A6.3.3.17. NLG strut selector and emergency dump valve								-	-	-	-
A6.3.3.18. NLG emergency extend accumulator								-	-	-	-
A6.3.3.19. NLG slave door cylinder								-	-	-	-
A6.3.3.20. NLG priority valve								-	-	-	-
A6.3.3.21. MLG/NLG accumulator dump and relief valve								-	-	-	-
A6.3.3.22. Swivels								-	-	-	-
A6.3.3.23. Emergency pressure selector valve								-	-	-	-
A6.3.3.24. MLG strut cylinder								-	-	-	-
A6.3.3.25. Bleed system								-	-	-	-

B-1 SPECIFIC REQUIREMENTS

Change 1, CFETP 2A6X5, 1 March 1999

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A6.3.4. Repair/Overhaul components											
A6.3.4.1. MLG emergency extend accumulator								-	-	-	-
A6.3.4.2. NLG emergency extend accumulator								-	-	-	-
A6.3.4.3. MLG door lock cylinder								-	-	-	-
A6.3.4.4. MLG door cylinder								-	-	-	-
A6.3.4.5. MLG positioner								-	-	-	-
A6.3.4.6. MLG strut cylinder								-	-	-	-
A6.3.4.7. MLG emergency extend cylinder								-	-	-	-
A6.3.4.8. MLG strut uplock cylinder								-	-	-	-
A6.3.4.9. MLG downlock cylinder								-	-	-	-
A6.3.4.10. NLG strut cylinder								-	-	-	-
A6.3.4.11. NLG strut downlock cylinder								-	-	-	-
A6.3.4.12. NLG strut uplock assembly								-	-	-	-
A6.3.4.13. NLG door lock cylinder								-	-	-	-
A6.3.4.14. NLG door cylinder								-	-	-	-
A6.3.4.15. Swivels								-	-	-	-
A6.3.5. Bench check components											
A6.3.5.1. MLG emergency extend accumulator								-	-	-	-
A6.3.5.2. NLG emergency extend accumulator								-	-	-	-
A6.3.5.3. MLG door lock cylinder								-	-	-	-
A6.3.5.4. MLG door cylinder								-	-	-	-
A6.3.5.5. MLG strut cylinder								-	-	-	-
A6.3.5.6. MLG emergency extend cylinder								-	-	-	-
A6.3.5.7. MLG strut uplock cylinder								-	-	-	-
A6.3.5.8. MLG downlock cylinder								-	-	-	-
A6.3.5.9. NLG strut cylinder								-	-	-	-
A6.3.5.10. NLG strut downlock cylinder								-	-	-	-
A6.3.5.11. NLG strut uplock assembly								-	-	-	-
A6.3.5.12. NLG emergency door cylinder								-	-	-	-
A6.3.5.13. NLG door lock cylinder								-	-	-	-
A6.3.5.14. NLG door cylinder								-	-	-	-
A6.3.5.15. Swivels								-	-	-	-
A6.4. NOSE WHEEL STEERING SYSTEMS TR: 1B-1B-2-32JG-50-1, Applicable aircraft TOs											
A6.4.1. Operational fundamentals								-	-	-	-

B-1 SPECIFIC REQUIREMENTS

Change 1, CFETP 2A6X5, 1 March 1999

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A6.4.2. Perform operational check											
A6.4.2.1. Nose wheel steering	*							-	-	-	-
A6.4.3. Remove/Install components								-	-	-	-
A6.4.3.1. Power drive unit								-	-	-	-
A6.4.3.2. Follow up transducer								-	-	-	-
A6.4.3.3. Fluid manifold								-	-	-	-
A6.4.3.4. Motor								-	-	-	-
A6.4.3.5. Steering swivel assembly								-	-	-	-
A6.4.3.6. E/H valve								-	-	-	-
A6.4.3.7. Pressure switch								-	-	-	-
A6.4.3.8. Filter								-	-	-	-
A6.4.4. Adjust/Align components											
A6.4.4.1. Power drive unit								-	-	-	-
A6.4.5. Repair/Overhaul components								-	-	-	-
A6.4.5.1. Steering swivel assembly								-	-	-	-
A6.4.6. Bench check components								-	-	-	-
A6.4.6.1. Steering swivel assembly								-	-	-	-
A6.5. WHEEL BRAKE SYSTEMS TR: 1B-!b-2-32JG-40, Applicable TOs											
A6.5.1. Operational fundamentals								-	-	-	-
A6.5.2. Perform operational check	*							-	-	-	-
A6.5.3. Remove/Install components											
A6.5.3.1. Brake pressure metering valve								-	-	-	-
A6.5.3.2. Wheel spin down valve								-	-	-	-
A6.5.3.3. Brake return filter element								-	-	-	-
A6.5.3.4. Anti-skid control manifold								-	-	-	-
A6.5.3.5. Brake pressure manifold								-	-	-	-
A6.5.3.6. Emergency brake selector valve								-	-	-	-
A6.5.3.7. Parking brake selector valve								-	-	-	-
A6.5.3.8. Parking brake locking solenoid								-	-	-	-
A6.5.3.9. Brake swivels								-	-	-	-
A6.5.3.10. Bleed system	*							-	-	-	-
A6.5.4. Repair/Overhaul components											
A6.5.4.1. Brakes								-	-	-	-
A6.5.4.2. Dual passage swivel assembly								-	-	-	-

B-1 SPECIFIC REQUIREMENTS

Change 1, CFETP 2A6X5, 1 March 1999

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A6.5.4.3. Brake swivels								-	-	-	-
A6.5.5. Bench check components											
A6.5.5.1. Brakes								-	-	-	-
A6.5.5.2. Brake swivels								-	-	-	-
A6.6. FLIGHT CONTROL SYSTEMS TR: 1B-1B-2-27, Applicable aircraft TOs											
A6.6.1. Operational fundamentals											
A6.6.2. Perform operational check											
A6.6.2.1. Wing sweep gear subassembly		*						-	-	-	-
A6.6.3. Remove/Install components											
A6.6.3.1. Roll master servo cylinder								-	-	-	-
A6.6.3.2. Spoiler panel servo cylinder								-	-	-	-
A6.6.3.3. Spoiler ganged blocking valve								-	-	-	-
A6.6.3.4. Fwd rudder power drive unit								-	-	-	-
A6.6.3.5. Aft rudder power drive unit								-	-	-	-
A6.6.3.6. Pitch master servo cylinder								-	-	-	-
A6.6.3.7. Upper stabilizer actuator		*						-	-	-	-
A6.6.3.8. Lower stabilizer actuator		*						-	-	-	-
A6.6.3.9. Roll scas servo cylinder								-	-	-	-
A6.6.3.10. Yaw scas servo cylinder								-	-	-	-
A6.6.3.11. Pitch scas servo cylinder								-	-	-	-
A6.6.3.12. Lower rudder servo cylinder								-	-	-	-
A6.6.3.13. Over wing fairing ratchet actuator								-	-	-	-
A6.6.3.14. Over wing fairing shutoff module								-	-	-	-
A6.6.3.15. Over wing fairing actuator assembly								-	-	-	-
A6.6.3.16. Wing sweep gear subassembly								-	-	-	-
A6.6.3.17. Alternate wing sweep actuator								-	-	-	-
A6.6.3.18. Flap/Slat pressure filter manifold								-	-	-	-
A6.6.3.19. Flap/Slat power drive unit (PDU)								-	-	-	-
A6.6.3.20. Flap asymmetry brake sensor								-	-	-	-
A6.6.3.21. Slat asymmetry brake sensor								-	-	-	-
A6.6.3.22. Flap/Slat pressure filter element								-	-	-	-
A6.6.3.23. Safing devices								-	-	-	-
A6.6.4. Adjust/Align components											
A6.6.4.1. Spoiler panel servo cylinder								-	-	-	-

B-1 SPECIFIC REQUIREMENTS

Change 1, CFETP 2A6X5, 1 March 1999

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A6.6.4.2. Fwd rudder power drive unit								-	-	-	-
A6.6.4.3. Aft rudder power drive unit								-	-	-	-
A6.6.4.4. Upper stabilizer actuator								-	-	-	-
A6.6.4.5. Lower stabilizer actuator								-	-	-	-
A6.6.4.6. Roll scas servo cylinder								-	-	-	-
A6.6.4.7. Yaw scas servo cylinder								-	-	-	-
A6.6.4.8. Pitch scas servo cylinder								-	-	-	-
A6.6.4.9. Lower rudder servo cylinder								-	-	-	-
A6.6.4.10. Over wing fairing ratchet actuator								-	-	-	-
A6.6.4.11. Wing sweep gear subassembly		*						-	-	-	-
A6.6.5. Repair/Overhaul components											
A6.6.5.1. GSA bevel gear housing								-	-	-	-
A6.6.5.2. Over wing fairing ratchet actuator								-	-	-	-
A6.6.6. Bench check components								-	-	-	-
A6.6.6.1. Over wing fairing ratchet actuator								-	-	-	-
A6.7. AUTO FLIGHT CONTROL SYSTEMS TR: 1B-1B-2-22, Applicable aircraft TOs											
A6.7.1. Operational fundamentals								-	-	-	-
A6.7.2. Remove/Install components											
A6.7.2.1. SMCS shutoff valve								-	-	-	-
A6.7.2.2. LT and RT fwd SMCS servo cylinder								-	-	-	-
A6.7.2.3. LT and RT aft SMCS servo cylinder								-	-	-	-
A6.7.3. Adjust/Align components											
A6.7.3.1. LT and RT fwd SMCS servo cylinder								-	-	-	-
A6.7.3.2. LT and RT aft SMCS servo cylinder								-	-	-	-
A6.8. EMERGENCY GENERATOR SYSTEMS TR: 1B-1B-2-24, Applicable aircraft TOs											
A6.8.1. Operational fundamentals								-	-	-	-
A6.8.2. Perform operational check											
A6.8.2.1. Emergency AC generator system								-	-	-	-
A6.8.3. Remove/Install components											
A6.8.3.1. Emergency AC generator								-	-	-	-
A6.8.3.2. Emergency AC generator check valve								-	-	-	-
A6.9. WEAPONS DOOR SYSTEMS TR: 1B-1B-2-94, Applicable aircraft TOs											
A6.9.1. Operational fundamentals								-	-	-	-
A6.9.2. Remove/Install components											
A6.9.2.1. Weapons bay spoiler cylinder											

B-1 SPECIFIC REQUIREMENTS

Change 1, CFETP 2A6X5, 1 March 1999

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A6.9.2.2. Weapons bay spoiler cylinder control valve		*						-	-	-	-
A6.9.2.3. Weapons bay door power drive unit		*						-	-	-	-
A6.9.2.4. Aft weapons bay spoiler 1 / 2 position module								-	-	-	-
A6.9.2.5. Rotary launcher drive								-	-	-	-
A6.9.2.6. Rotary launcher control valve								-	-	-	-
A6.9.2.7. Rotary launcher control valve motor								-	-	-	-
A6.9.3. Repair/Overhaul components											
A6.9.3.1. Weapons bay spoiler cylinder								-	-	-	-
A6.9.4. Bench check components								-	-	-	-
A6.9.4.1. Weapons bay spoiler cylinder								-	-	-	-
A6.10. AUXILIARY POWER UNIT SYSTMS TR: 1B-!b-2-49, Applicable aircraft TOs											
A6.10.1. Operational fundamentals								-	-	-	-
A6.10.2. Service components								-	-	-	-
A6.10.2.1. Start accumulator								-	-	-	-
A6.10.3. Remove/Install components											
A6.10.3.1. Start accumulator								-	-	-	-
A6.10.3.2. Start motor								-	-	-	-
A6.10.3.3. Start module								-	-	-	-
A6.10.3.4. Start module check valve								-	-	-	-
A6.10.3.5. Start module pressure switch								-	-	-	-
A6.10.3.6. Electric build-up motor								-	-	-	-
A6.10.4. Repair/Overhaul components											
A6.10.4.1. Start accumulator								-	-	-	-
A6.10.5. Bench check components											
A6.10.5.1. Start accumulator								-	-	-	-
A6.11. FUEL COOLING SCOOP SYSTEMS TR: 1B-1B-2-21, Applicable aircraft TOs											
A6.11.1. Operational fundamentals								-	-	-	-
A6.11.2. Perform operational check								-	-	-	-
A6.11.3. Remove/Install components											
A6.11.3.1. Selector valve								-	-	-	-
A6.11.3.2. Blocking valve								-	-	-	-
A6.11.3.3. Actuator								-	-	-	-

Change 1, CFETP 2A6X5, 1 March 1999

Attachment 6

E-3 SPECIFIC REQUIREMENTS

Change 1, CFETP 2A6X5, 1 March 1999

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
Attachment 7											
NOTE 1: The core tasks listed in Attachment 7 are in addition to those in Attachment 2.											
NOTE 2: Tasks and knowledge listed in Attachment 7 will be used in conjunction with Attachment 2 by E-3 personnel for upgrade requirements.											
NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision.											
NOTE 4: Address comments and recommended changes through ACC Functional Managers to the AETC Training Manager, DSN 736-2772.											
A7.1. HYDRAULIC POWER SYSTEMS Applicable aircraft TOs											
A7.1.1. Service components	*							-	-	-	-
A7.1.2. Perform operational check	*							-	-	-	-
A7.1.3. Remove components											
★A7.1.3.1. Pumps								-	-	-	-
★A7.1.3.2. Valves								-	-	-	-
★A7.1.3.3. Filters								-	-	-	-
★A7.1.3.4. Accumulators								-	-	-	-
★A7.1.3.5. Indicating Devices								-	-	-	-
A7.1.4. Install components											
A7.1.4.1. Pumps	*							-	-	-	-
★A7.1.4.2. Valves								-	-	-	-
★A7.1.4.3. Filters								-	-	-	-
★A7.1.4.4. Accumulators								-	-	-	-
A7.1.4.5. Indicating Devices	*							-	-	-	-
A7.2. LANDING GEAR SYSTEMS TR: Applicable aircraft TOs											
★A7.2.1. Operational fundamentals	*							-	-	-	-
A7.2.2. Remove components											
A7.2.2.1. Actuators	*							-	-	-	-
A7.2.2.2. Valves	*							-	-	-	-
A7.2.3. Install components											
★A7.2.3.1. Actuators								-	-	-	-
A7.2.3.2. Valves	*							-	-	-	-
A7.3. NOSE WHEEL STEERING SYSTEMS TR: Applicable Aircraft TOs											
★A7.3.1. Operational fundamentals	*										
A7.3.2. Remove components											
A7.3.2.1. Actuators	*										
★A7.3.2.2. Valves								-	-	-	-

E-3 SPECIFIC REQUIREMENTS

Change 1, CFETP 2A6X5, 1 March 1999

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A7.3.3. Install components											
A7.3.3.1. Actuators	*							-	-	-	-
A7.3.3.2. Valves	*							-	-	-	-
A7.3.4. Bleed system	*							-	-	-	-
A7.4. WHEEL BRAKE SYSTEM TR: Applicable aircraft TOs											
A7.4.1. Service components	*							-	-	-	-
A7.4.2. Remove components											
★A7.4.2.1. Accumulators								-			
★A7.4.2.2. Valves								-	-	-	-
★A7.4.2.3. Brake Assemblies											
A7.4.3. Install components											
★A7.4.3.1. Accumulators								-	-	-	-
★A7.4.3.2. Valves								-	-	-	-
★A7.4.3.3. Brake Assemblies	*										
A7.5. FLIGHT CONTROL SYSTEMS TR: Applicable aircraft TOs											
★A7.5.1. Operational fundamentals	*							-	-	-	-
A7.5.2. Remove components											
★A7.5.2.1. Valves								-	-	-	-
A7.5.2.2. Swivels								-	-	-	-
A7.5.3. Install components											
★A7.5.3.1. Valves								-	-	-	-
A7.5.3.2. Swivels	*							-	-	-	-
A7.5.3.3. Bleed flight control system	*							-	-	-	-
★A7.5.4. Repair/Overhaul swivels								-	-	-	-
★A7.5.5. Bench swivels								-	-	-	-
A7.6. AIR REFUELING RECEIVER SYSTEM TR: Applicable aircraft TOs											
★A7.6.1. Operational fundamentals	*							-	-	-	-
A7.6.2. Service components	*							-	-	-	-
A7.6.3. Remove components											
A7.6.3.1. Actuators	*							-	-	-	-
A7.6.3.2. Valves	*							-	-	-	-
A7.6.4. Install components											
A7.6.4.1. Actuators	*							-	-	-	-
A7.6.4.2. Valves								-	-	-	-
★A7.6.5. Bleed system								-	-	-	-

B-2 SPECIFIC REQUIREMENTS

Change 1, CFETP 2A6X5, 1 March 1999

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
Attachment 8											
NOTE 1: The core tasks listed in Attachment 8 are in addition to those in Attachment 2.											
NOTE 2: Tasks and knowledge listed in Attachment 8 will be used in conjunction with Attachment 2 by B-2 personnel for upgrade requirements.											
NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision.											
NOTE 4: Address comments and recommended changes through ACC Functional Managers to the AETC Training Manager, DSN 736-2772.											
A8.1. AIRCRAFT FAMILIARIZATION TR: 1B-2A-2-00GV-00-1, 1B-2A-2-01JG Series, 1B-2A-2-05GS-00-1											
A8.1.1. Engine Air Intake and Exhaust								-	-	-	-
A8.1.2. High Intensity Sound								-	-	-	-
A8.1.3. Turbine Plane of Rotation								-	-	-	-
A8.1.4. Antenna Radiation								-	-	-	-
A8.1.5. Ground Handling of Aircraft								-	-	-	-
A8.1.6. Hot Brakes								-	-	-	-
A8.1.7. Hardness Critical Procedures								-	-	-	-
A8.1.8. Observable Critical Procedures								-	-	-	-
A8.1.9. Operate Crew Entry Door								-	-	-	-
A8.1.10. Operate Aft Equipment Bay Door								-	-	-	-
A8.1.11. Operate Weapons Bay Doors								-	-	-	-
A8.1.12. Operate Aft Nose Landing Gear Door								-	-	-	-
A8.1.13. Operate Engine Auxiliary Inlet Doors								-	-	-	-
A8.1.14. Operate Auxiliary Power Unit Doors								-	-	-	-
A8.1.15. Open/Close Engine AMAD Bay Doors								-	-	-	-
A8.1.16. Open/Close Hyd/ECS Bay Doors								-	-	-	-
A8.2. HYDRAULIC POWER SYSTEMS TR: 1B-2A-2-29GS-00-1, 1B-2A-2-29JG Series											
A8.2.1. Operational Fundamentals								-	-	-	-
A8.2.2. Inspect System	*							-	-	-	-
A8.2.3. Perform Operational Check	*							-	-	-	-
A8.2.4. Drain Hydraulic System								-	-	-	-
A8.2.5. Flush Hydraulic System								-	-	-	-
A8.2.6. Service Accumulators	*							-	-	-	-
A8.2.7. Service Reservoirs	*							-	-	-	-
A8.2.8. Remove Components											
A8.2.8.1. Pumps	*							-	-	-	-
A8.2.8.2. Pump Manifolds	*							-	-	-	-
A8.2.8.3. Reservoirs								-	-	-	-

B-2 SPECIFIC REQUIREMENTS

Change 1, CFETP 2A6X5, 1 March 1999

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A8.2.8.4. Valves								-	-	-	-
A8.2.8.5. Filters								-	-	-	-
A8.2.8.6. Modules								-	-	-	-
A8.2.8.7. Accumulators								-	-	-	-
A8.2.8.8. Indicating Devices								-	-	-	-
A8.2.8.9. Service Panels								-	-	-	-
A8.2.8.10. Ground Servicing Quick Disconnects								-	-	-	-
A8.2.9. Install Components											
A8.2.9.1. Pumps	*							-	-	-	-
A8.2.9.2. Pump Manifolds	*							-	-	-	-
A8.2.9.3. Reservoirs								-	-	-	-
A8.2.9.4. Valves								-	-	-	-
A8.2.9.5. Filters								-	-	-	-
A8.2.9.6. Modules								-	-	-	-
A8.2.9.7. Accumulators								-	-	-	-
A8.2.9.8. Indicating Devices								-	-	-	-
A8.2.9.9. Service Panels								-	-	-	-
A8.2.9.10. Ground Servicing Quick Disconnects								-	-	-	-
A8.2.10. Bleed Hydraulic Power System	*							-	-	-	-
A8.2.11. Repair/Overhaul/Bench Check Components TR: 16W Series, 9H Series											
A8.2.11.1. Accumulator Service Panel								-	-	-	-
A8.2.11.2. System Accumulator								-	-	-	-
A8.2.11.3. Bootstrap Reservoir								-	-	-	-
A8.2.11.4. Reservoir Fill Filter and Head Assembly								-	-	-	-
A8.2.11.5. Reservoir Ground Service Panel								-	-	-	-
A8.2.11.6. Reservoir Overfill Tank								-	-	-	-
A8.2.11.7. Hydraulic Filter Module								-	-	-	-
A8.2.11.8. Pump Crossover Manifold								-	-	-	-
A8.2.11.9. Crew Entry Door Selector Valve								-	-	-	-
A8.2.11.10. Accumulator Dump Valve Module								-	-	-	-
A8.2.11.11. Reservoir Fill Selector Valve								-	-	-	-
A8.2.11.12. Hydraulic Servicing Panel								-	-	-	-
A8.2.12. Troubleshoot Malfunctions		*						-	-	-	-

B-2 SPECIFIC REQUIREMENTS

Change 1, CFETP 2A6X5, 1 March 1999

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A8.3. LANDING GEAR SYSTEMS TR: 1B-2A-2-32GS-00-1, 1B-2A-2-32JG Series											
A8.3.1. Operational Fundamentals								-	-	-	-
A8.3.2. Perform Ops Check of Normal System											
A8.3.2.1. Position A (Supervisor)		*						-	-	-	-
A8.3.2.2. Position B (Flightdeck Operator)	*							-	-	-	-
A8.3.3. Perform Ops Check of Emergency System											
A8.3.3.1. Position A (Supervisor)		*						-	-	-	-
A8.3.3.2. Position B (Flightdeck Operator)	*							-	-	-	-
A8.3.4. Inspect	*							-	-	-	-
A8.3.5. Service Struts	*							-	-	-	-
A8.3.6. Remove Components											
A8.3.6.1. Proximity Sensor Logic Unit								-	-	-	-
A8.3.6.2. Switching Valves								-	-	-	-
A8.3.6.3. Valves								-	-	-	-
A8.3.6.4. Actuators								-	-	-	-
A8.3.6.5. Accumulators								-	-	-	-
A8.3.7. Install Components											
A8.3.7.1. Proximity Sensor Logic Unit								-	-	-	-
A8.3.7.2. Switching Valves								-	-	-	-
A8.3.7.3. Valves								-	-	-	-
A8.3.7.4. Actuators								-	-	-	-
A8.3.7.5. Accumulators								-	-	-	-
A8.3.8. Bleed Landing Gear System								-	-	-	-
A8.3.9. Repair/Overhaul/Bench Check Components TR: 9H Series											
A8.3.9.1. MLG Door Selector Valve								-	-	-	-
A8.3.9.2. MLG Door Lock Selector Valve								-	-	-	-
A8.3.9.3. MLG Door Lock Actuator								-	-	-	-
A8.3.9.4. NLG Door Lock Actuator								-	-	-	-
A8.3.9.5. NLG Door Selector Valve								-	-	-	-
A8.3.9.6. NLG Selector Valve								-	-	-	-
A8.3.9.7. MLG Lock Link Actuator Assembly								-	-	-	-
A8.3.9.8. NLG Lock Link Actuator								-	-	-	-
A8.3.9.9. MLG Uplock Release Actuator								-	-	-	-
A8.3.9.10. NLG Uplock Release Actuator								-	-	-	-

B-2 SPECIFIC REQUIREMENTS

Change 1, CFETP 2A6X5, 1 March 1999

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A8.3.9.11. MLG Extend Emergency Selector Valve								-	-	-	-
A8.3.9.12. MLG Emergency Unlock Actuator								-	-	-	-
A8.3.9.13. MLG Emergency Door Unlock Actuator								-	-	-	-
A8.3.9.14. MLG Emergency Extend Accumulator								-	-	-	-
A8.3.9.15. NLG Switching Valve								-	-	-	-
A8.3.9.16. MLG Emergency Bypass Valve								-	-	-	-
A8.3.9.17. MLG Anti-blowback Valve								-	-	-	-
A8.3.9.18. NLG Anti-blowback Valve								-	-	-	-
A8.3.9.19. Truck Position Pressure Reducing Valve								-	-	-	-
A8.3.9.20. NLG Transfer Cylinder								-	-	-	-
A8.3.9.21. NLG Door Transfer Cylinder								-	-	-	-
A8.3.9.22. NLG Emergency Transfer Cylinder								-	-	-	-
A8.3.9.23. NLG Door Emergency Transfer Cylinder								-	-	-	-
A8.3.9.24. MLG Retract Actuator								-	-	-	-
A8.3.9.25. NLG Actuator								-	-	-	-
A8.3.9.26. MLG Door Actuator								-	-	-	-
A8.3.9.27. NLG Door Actuator								-	-	-	-
A8.3.9.28. NLG Emergency Extend Actuator								-	-	-	-
A8.3.9.29. NLG Door Emergency Extend Actuator								-	-	-	-
A8.3.10. Troubleshoot Malfunctions		*						-	-	-	-
A8.4. NOSE WHEEL STEERING SYSTEMS TR: 1B-2A-2-32GS-00-1, 1B-2A-2-32JG Series											
A8.4.1. Operational Fundamentals								-	-	-	-
A8.4.2. Perform Operational Check	*							-	-	-	-
A8.4.3. Inspect	*							-	-	-	-
A8.4.4. Remove Components											
A8.4.4.1. Manifold								-	-	-	-
A8.4.4.2. Switches								-	-	-	-
A8.4.4.3. Valves								-	-	-	-
A8.4.4.4. Motor								-	-	-	-
A8.4.4.5. Gearbox								-	-	-	-
A8.4.5. Install Components											
A8.4.5.1. Manifold								-	-	-	-
A8.4.5.2. Switches								-	-	-	-
A8.4.5.3. Valves								-	-	-	-

B-2 SPECIFIC REQUIREMENTS

Change 1, CFETP 2A6X5, 1 March 1999

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A8.4.5.4. Motor								-	-	-	-
A8.4.5.5. Gearbox								-	-	-	-
A8.4.6. Bleed Nose Wheel Steering System								-	-	-	-
A8.4.7. Repair/Overhaul/Bench Check Components TR: 9H Series											
A8.4.7.1. NLG Steering Compensator								-	-	-	-
A8.4.8. Perform Adjustments								-	-	-	-
A8.4.9. Troubleshoot Malfunctions		*						-	-	-	-
A8.5. WHEEL BRAKE SYSTEM TR: 1B-2A-2-32GS-00-1, 1B-2A-2-32JG Series											
A8.5.1. Operational Fundamentals								-	-	-	-
A8.5.2. Perform Operational Check	*							-	-	-	-
A8.5.3. Inspect	*							-	-	-	-
A8.5.4. Remove Components											
A8.5.4.1. Brake Meetering Valve								-	-	-	-
A8.5.4.2. Valves								-	-	-	-
A8.5.4.3. Accumulator								-	-	-	-
A8.5.4.4. Antiskid Modules								-	-	-	-
A8.5.4.5. Antiskid Control Unit								-	-	-	-
A8.5.4.6. Brakes								-	-	-	-
A8.5.4.7. Fuses								-	-	-	-
A8.5.5. Install Components											
A8.5.5.1. Brake Meetering Valve								-	-	-	-
A8.5.5.2. Valves								-	-	-	-
A8.5.5.3. Accumulator								-	-	-	-
A8.5.5.4. Antiskid Modules								-	-	-	-
A8.5.5.5. Antiskid Control Unit								-	-	-	-
A8.5.5.6. Brakes								-	-	-	-
A8.5.5.7. Fuses								-	-	-	-
A8.5.6. Bleed Wheel Brake System	*							-	-	-	-
A8.5.7. Repair/Overhaul/Bench Check Components TR: 4B Series, 9H Series											
A8.5.7.1. Brake Assembly								-	-	-	-
A8.5.7.2. Normal Brake Selector Valve								-	-	-	-
A8.5.7.3. Alternate Brake Selector Valve								-	-	-	-
A8.5.7.4. Emergency Brake Accumulator								-	-	-	-

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Change 1, CFETP 2A6X5, 1 March 1999

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A8.5.8. Perform Adjustments								-	-	-	-
A8.5.9. Troubleshoot Malfunctions		*						-	-	-	-
A8.6. FLIGHT CONTROL SYSTEMS TR: 1B-2A-2-27GS-00-1, 1B-2A-2-27JG Series											
A8.6.1. Operational Fundamentals								-	-	-	-
A8.6.2. Perform Operational Check	*							-	-	-	-
A8.6.3. Inspect	*							-	-	-	-
A8.6.4. Remove Components											
A8.6.4.1. Rudder Actuator	*							-	-	-	-
A8.6.4.2. Elevon Actuator	*							-	-	-	-
A8.6.4.3. GLAS Actuator								-	-	-	-
A8.6.5. Install Components								-	-	-	-
A8.6.5.1. Rudder Actuator	*							-	-	-	-
A8.6.5.2. Elevon Actuator	*							-	-	-	-
A8.6.5.3. GLAS Actuator								-	-	-	-
A8.6.6. Bleed Flight Control System								-	-	-	-
A8.6.7. Troubleshoot Malfunctions		*						-	-	-	-
A8.7. WEAPONS BAY DOOR SYSTEM TR: 1B-2A-2-94GS-00-1, 1B-2A-2-94JG Series											
A8.7.1. Operational Fundamentals								-	-	-	-
A8.7.2. Perform Operational Check	*							-	-	-	-
A8.7.3. Inspect	*										
A8.7.4. Remove Components											
A8.7.4.1. Switching valve								-	-	-	-
A8.7.4.2. RLA PDU								-	-	-	-
A8.7.4.3. Door PDU								-	-	-	-
A8.7.5. Install Components								-	-	-	-
A8.7.5.1. Switching valve								-	-	-	-
A8.7.5.2. RLA PDU								-	-	-	-
A8.7.5.3. Door PDU								-	-	-	-
A8.7.6. Bleed Weapon Bay Door System								-	-	-	-
A8.7.7. Repair/Overhaul/Bench Check Components TR: 1B-2A-2-28GS-00-1, 1B-2A-2-28JG Series											
A8.7.7.1. Switching Valve											

B-2 SPECIFIC REQUIREMENTS

Change 1, CFETP 2A6X5, 1 March 1999

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A8.7.8. Troubleshoot Malfunctions		*									
A8.8. AIR REFUELING RECEIVER SYSTEM TR: 1B-2A-2-28GS-00-1, 1B-2A-2-28JG Series											
A8.8.1. Operational Fundamentals								-	-	-	-
A8.8.2. Perform Operational Check	*							-	-	-	-
A8.8.3. Inspect	*							-	-	-	-
A8.8.4. Remove Components											
A8.8.4.1. Switching Valve								-	-	-	-
A8.8.4.2. Valves								-	-	-	-
A8.8.4.3. Air Refueling Slipway Installation								-	-	-	-
A8.8.4.4. Rollover Mechanism								-	-	-	-
A8.8.5. Install Components								-	-	-	-
A8.8.5.1. Switching Valve								-	-	-	-
A8.8.5.2. Valves								-	-	-	-
A8.8.5.3. Air Refueling Slipway Installation								-	-	-	-
A8.8.5.4. Rollover Mechanism								-	-	-	-
A8.8.6. Bleed Air Refueling Receiver System								-	-	-	-
A8.8.7. Repair/Overhaul/Bench Check Components TR: 9H Series											
A8.8.7.1. Switching Valve								-	-	-	-
A8.8.7.2. Pressure Reducing Valve								-	-	-	-
A8.8.8. Perform Adjustments								-	-	-	-
A8.8.9. Troubleshoot Malfunctions		*						-	-	-	-
A8.9. ENGINE AUXILIARY INLET DOOR SYSTEM TR: 1B-2A-2-71GS-00-1, 1B-2A-2-71JG Series											
A8.9.1. Operational Fundamentals								-	-	-	-
A8.9.2. Perform Operational Check								-	-	-	-
A8.9.3. Inspect								-	-	-	-
A8.9.4. Remove Components											
A8.9.4.1. Actuators (AV 1-11)								-	-	-	-
A8.9.4.2. Actuators AV 12 & sub)								-	-	-	-
A8.9.4.3. Valves								-	-	-	-
A8.9.5. Install Components											
A8.9.5.1. Actuators (AV 1-11)								-	-	-	-

B-2 SPECIFIC REQUIREMENTS

Change 1, CFETP 2A6X5, 1 March 1999

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A8.9.5.2. Actuators (AV 12 & sub)								-	-	-	-
A8.9.5.3. Valves								-	-	-	-
A8.9.6. Bleed Engine Auxiliary Inlet Door System								-	-	-	-
A8.9.7. Repair/Overhaul/Bench Check Components TR: 9H Series											
A8.9.7.1. Selector Valve								-	-	-	-
A8.9.7.2. Door Actuator								-	-	-	-
A8.9.8. Perform Adjustments								-	-	-	-
A8.9.9. Troubleshoot Malfunctions								-	-	-	-
A8.10. AUXILIARY POWER UNIT DOOR SYSTEM TR: 1B-2A-2-49GS-00-1, 1B-2A-2-49JG Series											
A8.10.1. Operational Fundamentals								-	-	-	-
A8.10.2. Perform Operational Check								-	-	-	-
A8.10.3. Inspect								-	-	-	-
A8.10.4. Remove Components											
A8.10.4.1. Actuators								-	-	-	-
A8.10.4.2. Valves								-	-	-	-
A8.10.4.3. Accumulators								-	-	-	-
A8.10.5. Install Components											
A8.10.5.1. Actuators								-	-	-	-
A8.10.5.2. Valves								-	-	-	-
A8.10.5.3. Accumulators								-	-	-	-
A8.10.6. Bleed Auxiliary Power Unit Door System								-	-	-	-
A8.10.7. Repair/Overhaul/Bench Check Components TR: 9H Series											
A8.10.7.1. Door Accumulator								-	-	-	-
A8.10.7.2. Accumulator Dump Valve								-	-	-	-
A8.10.7.3. Pressure Sequencing Bypass Valve								-	-	-	-
A8.10.7.4. Door Emergency Bypass Valve								-	-	-	-
A8.10.7.5. Door Normal Selector Valve								-	-	-	-
A8.10.7.6. Door Emergency Selector Valve								-	-	-	-
A8.10.7.7. Exhaust Door Actuator								-	-	-	-
A8.10.8. Perform Adjustments								-	-	-	-
A8.10.9. Troubleshoot Malfunctions								-	-	-	-

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1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/ Information Provided (See Attachment 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5-Skill Level	C 7 Skill Level	
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A8.11. CREW ENTRY DOOR SYSTEM TR: 1B-2A-2-52GS-00-1, 1B-2A-2-29JG Series, 1B-2A-2-52JG Series											
A8.11.1. Operational Fundamentals								-	-	-	-
A8.11.2. Perform Operational Check								-	-	-	-
A8.11.3. Inspect								-	-	-	-
A8.11.4. Remove Components											
A8.11.4.1. Actuators								-	-	-	-
A8.11.4.2. Valves								-	-	-	-
A8.11.4.3. Accumulator								-	-	-	-
A8.11.4.4. Module								-	-	-	-
A8.11.5. Install Components											
A8.11.5.1. Actuators								-	-	-	-
A8.11.5.2. Valves								-	-	-	-
A8.11.5.3. Accumulator								-	-	-	-
A8.11.5.4. Module								-	-	-	-
A8.11.6. Bleed Crew Entry Door System								-	-	-	-
A8.11.7. Repair/Overhaul/Bench Check Components TR: 9H Series											
A8.11.7.1. Normal Accumulator								-	-	-	-
A8.11.7.2. Alternate Accumulator								-	-	-	-
A8.11.7.3. Valve Module								-	-	-	-
A8.11.7.4. Door Actuator								-	-	-	-
A8.11.8. Perform Adjustments								-	-	-	-
A8.11.9. Troubleshoot Malfunctions								-	-	-	-
A8.12. DEFENSE MANAGEMENT DOOR SYSTEM TR: 1B-2A-2-93GS-00-1, 1B-1A-2-93JG Series											
A8.12.1. Operational Fundamentals								-	-	-	-
A8.12.2. Perform Operational Check								-	-	-	-
A8.12.3. Inspect								-	-	-	-
A8.12.4. Remove Components											
A8.12.4.1. Valves								-	-	-	-
A8.12.4.2. Actuators								-	-	-	-
A8.12.5. Install Components											
A8.12.5.1. Valves								-	-	-	-
A8.12.5.2. Actuators								-	-	-	-

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Attachment 8

10. Air Force In-Resident Courses.

COURSE NO.	COURSE TITLE	LOCATION	USER
J3ABR2A635 000	Aircraft Hydraulic Systems Apprentice	Sheppard AFB	AF, FMS, ANG, AFRC
J3ACR2A675 000	Aircraft Hydraulic Systems Craftsman	Sheppard AFB	AF, ANG, AFRC
★J3AZR2A635 001	KC-135 In-Flight Refueling System	Sheppard AFB	AF, ANG, AFRC

11. Extension Course Institute (ECI) Courses.

364 TRS/TTMAS
 511 9th Ave STE 1
 Sheppard AFB, TX 76311-2338
 DSN 736-2772

COURSE NO.	COURSE TITLE	User
CDC 2A655	Aircraft Hydraulic Systems Journeyman	AF
CDC 2A675	Aircraft Hydraulic Systems Craftsman	AF
CDC 2AX7X	Aerospace Maintenance Craftsman	AF

12. Exportable Courses.

For further information on the following exportable courses, contact the OPRs at:

367 TRSS
 6058 Aspen Ave
 Hill AFB, UT 84056-5805
 DSN 777-7830/8741

362 TRS
 613 10th Ave
 Sheppard AFB, TX 76311-2352
 DSN 736-5206

The Hill AFB course catalog can be ordered from DSN 777-0160, FAX 777-0897, or www.hill.af.mil/367trss/findex/html.

COURSE NO.	COURSE TITLE	OPR	User
00TVT0000	FOD Prevention (VHS tape)	367 TRSS	AF
00TVT0001	Safety and Radio Frequency (RF) Radiation (VHS tape)	367 TRSS	AF
00TVT0001V1	Troubleshooting Techniques (ICW)	367 TRSS	AF
00TTV0002	Aerospace Ground Equipment Training (ICW)	367 TRSS	AF
00TCB0002V1	Multimeter Familiarization (ICW)	367 TRSS	AF
00TIV0007	Potential Hazards of Oxygen Enriched Environments (VHS tape)	367 TRSS	AF
00CIV0008	Use and Care of Type III Torque Wrenches (ICW)	367 TRSS	AF
00CVT0009	Torque Wrench, Use and Care (VHS tape)	367 TRSS	AF
00TVT0011	Cold Weather Indoctrination (VHS tape)	367 TRSS	AF
00CVT0012	Manual Acft Snow Removal (VHS tape)	367 TRSS	AF
00TVT0017V1	General Aircraft Corrosion Control (VHS tape)	367 TRSS	AF
00TIV1000	Aircraft Marshaling (ICW)	367 TRSS	AF
01SIV8971V5.1.1	-86 Diesel Power Unit Operation (ICW)	367 TRSS	AF
00SIV8972	MA-3D Air Conditioner Operation (ICW)	367 TRSS	AF
01CIV0016	B-1B Emergency Ground Egress	367 TRSS	AF
01CIV0051	B-1B Command Aircraft Systems Training (CAST) General Airplane Information	367 TRSS	AF
01CIV0052	B-1B Hazardous Zones	367 TRSS	AF
01CIV1001	B-1B Safe for Maintenance	367 TRSS	AF
01CIV1615	B-1B Egress System Safety	367 TRSS	AF
01JIV0001	B-1B General Electrical Maintenance, part 1	367 TRSS	AF
01JIV0002	B-1B General Electrical Maintenance, part 2	367 TRSS	AF
01JIV0003	B-1B General Electrical Maintenance, part 3	367 TRSS	AF
01JIV0005	B-1B CITS Parameter Monitor Codes (PMC)	367 TRSS	AF
01JIV0006	B-1B CITS Maintenance Codes	367 TRSS	AF